

**OPINION 2100 (Case 3258)*****Acmaeodera* Eschscholtz, 1829 and *Acmaeoderella* Cobos, 1955  
(Insecta, Coleoptera): usage conserved by designation of *Buprestis  
cylindrica* Fabricius, 1775 as the type species of *Acmaeodera***

**Abstract.** The Commission has ruled that usage of the widely used buprestid (jewel beetle) generic names *Acmaeodera* Eschscholtz, 1829 and *Acmaeoderella* Cobos, 1955 (family BUPRESTIDAE) are conserved by accepting the overlooked designation of *Buprestis cylindrica* Fabricius, 1775 as the type species of *Acmaeodera*.

**Keywords.** Nomenclature; taxonomy; Coleoptera; BUPRESTIDAE; *Acmaeodera*; *Acmaeoderella*; Carinina; *Acmaeodera cylindrica*; *Acmaeoderella flavofasciata*; jewel beetles.

---

**Ruling**

- (1) Under the plenary power it is ruled that all fixations of type species for the nominal genus *Acmaeodera* Eschscholtz, 1829 before that of *Buprestis cylindrica* Fabricius, 1775 by Volkovitsh (1979) are hereby set aside.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
  - (a) *Acmaeodera* Eschscholtz, 1829 (gender: feminine), type species *Buprestis cylindrica* Fabricius, 1775 by the fixation of Volkovitsh (1979) as ruled in (1) above;
  - (b) *Acmaeoderella* Cobos, 1955 (gender: feminine), type species by original designation *Buprestis discoida* Fabricius, 1787.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
  - (a) *cylindrica* Fabricius, 1775, as published in the binomen *Buprestis cylindrica* (specific name of the type species of *Acmaeodera* Eschscholtz, 1829);
  - (b) *discoida* Fabricius, 1787, as published in the binomen *Buprestis discoida* (specific name of the type species of *Acmaeoderella* Cobos, 1955).

**History of Case 3258**

An application to conserve the current usage of the widely used buprestid (jewel beetle) generic names *Acmaeodera* Eschscholtz, 1829 and *Acmaeoderella* Cobos, 1955 (family BUPRESTIDAE) by accepting the designation of *Buprestis cylindrica* Fabricius, 1775 as the type species of *Acmaeodera* was received from C.L. Bellamy (*Plant Pest Diagnostics Lab., California Department of Food & Agriculture, Sacramento, California, U.S.A.*) and M.G. Volkovitsh (*Zoological Institute, Russian Academy of Sciences, St. Petersburg, Russia*) on 4 November 2002. After correspondence the case was published in BZN 60: 31–33 (March 2003). The title, abstract and keywords of the case were published on the Commission's website. Four comments in support of this case were received.

### Decision of the Commission

On 1 September 2004 the members of the Commission were invited to vote on the proposals published in BZN 60: 32–33. At the close of the voting period on 1 December 2004 the votes were as follows: 24 Commissioners voted FOR the proposals, no Commissioners voted AGAINST, Ng was on leave of absence.

Voting for, Alonso-Zarazaga commented that the spelling of the specific name of the type species of *Acmaeoderella* Cobos, 1955 is *Buprestis discoida* Fabricius, 1787 not *Buprestis discoidea* as published in the application (BZN 60: 32–33, paras. 3, 5, 7(2)(b), (3)(b)). Although both spellings have been in use for this species the original spelling must be retained. See rulings (2)(b) and (3)(b) above.

### Original references

The following are the original references to the names placed on Official Lists by the ruling given in the present Opinion:

*Acmaeodera* Eschscholtz, 1829, *Zoologischer Atlas*, p. 9.

*Acmaeoderella* Cobos, 1955, *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique*, 31(13): 5.

*cylindrica*, *Buprestis*, Fabricius, J.C., 1775, *Systema entomologia*, p. 220.

*discoida*, *Buprestis*, Fabricius, J.C., 1787, *Mantissa insectorum*, vol. 2, p. 184.

### Editor's note:

The spelling of the specific name of the type species of *Acmaeoderella* Cobos, 1955, has been corrected from *Buprestis discoidea* Fabricius, 1787, as published in the application, to *Buprestis discoida*. See rulings (2)(b) and (3)(b) above.